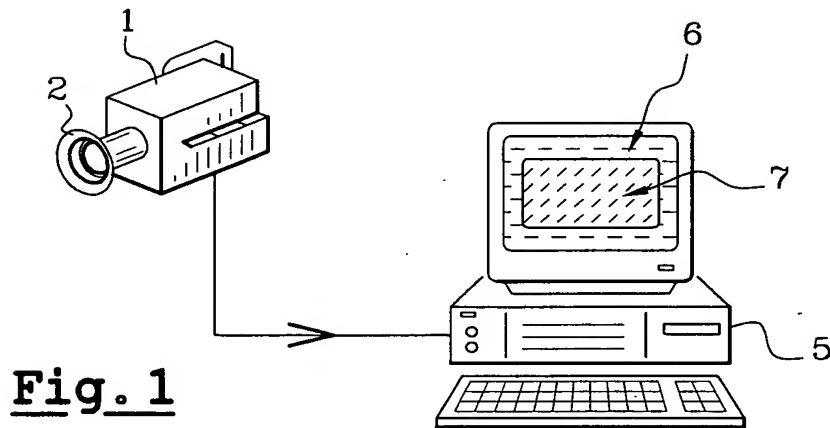
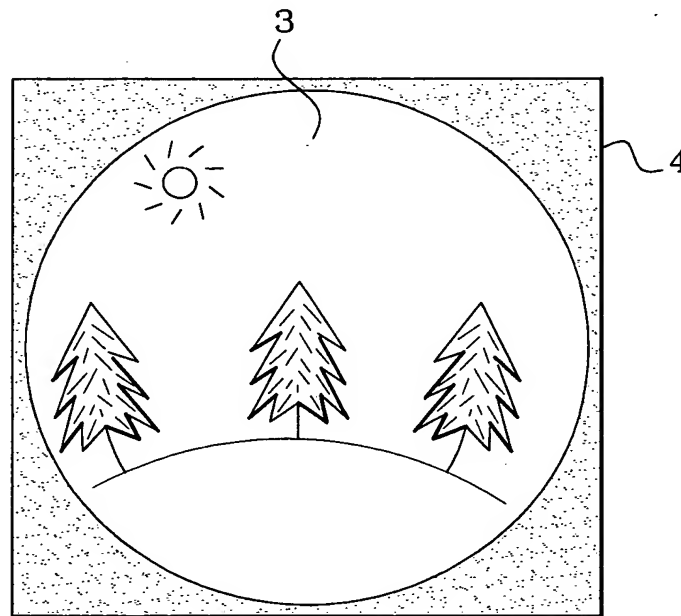


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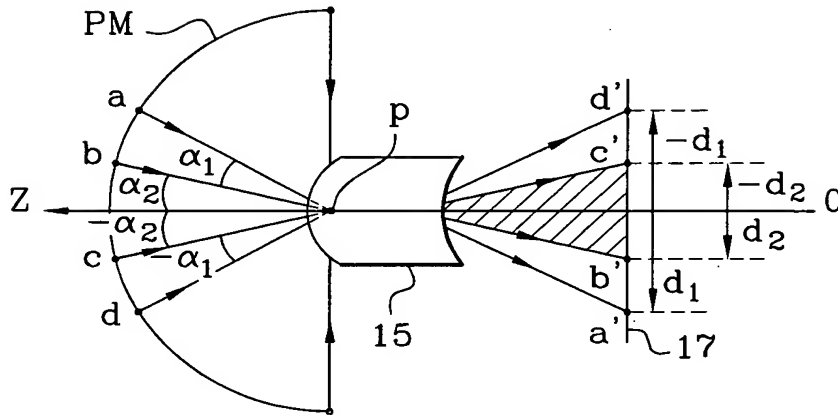
**Fig. 1**



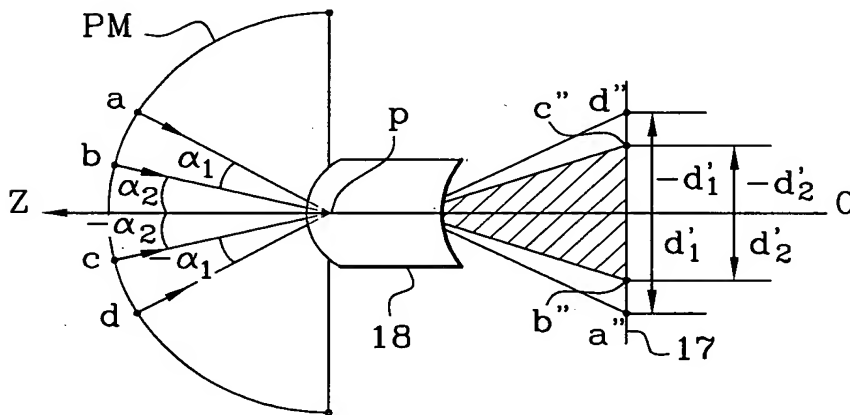
**Fig. 2**



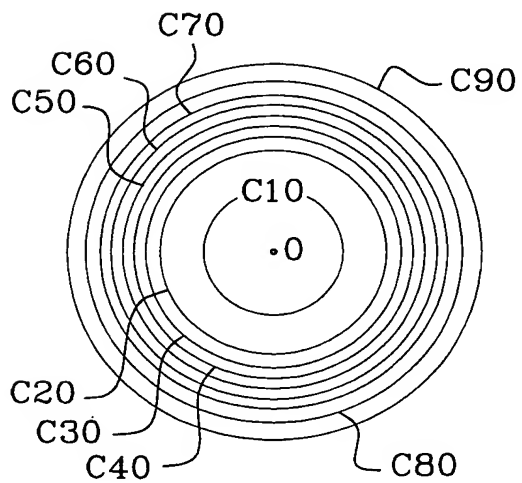
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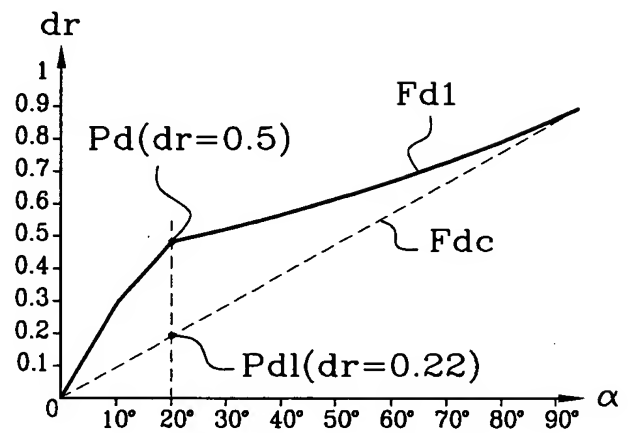
**Fig. 5**



**Fig. 6**

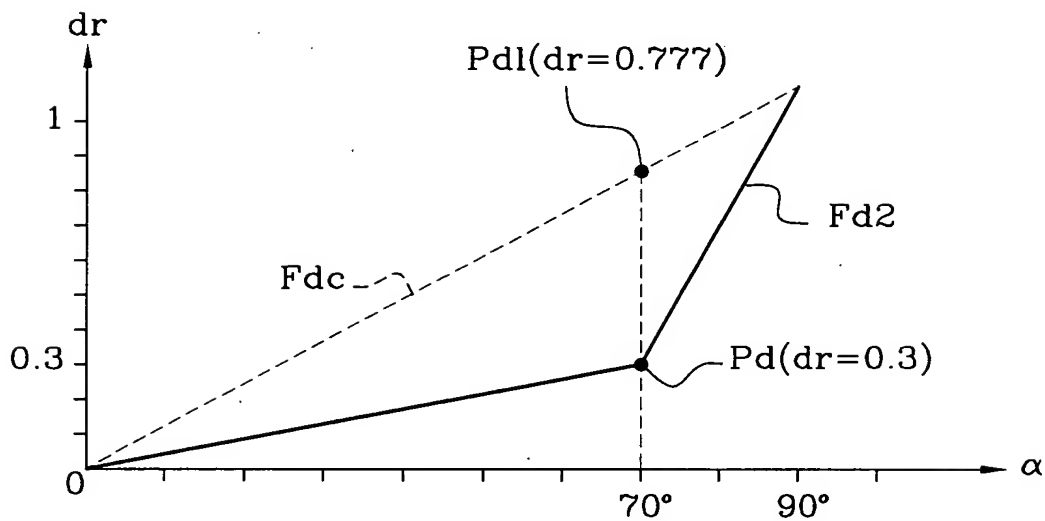


**Fig. 7A**

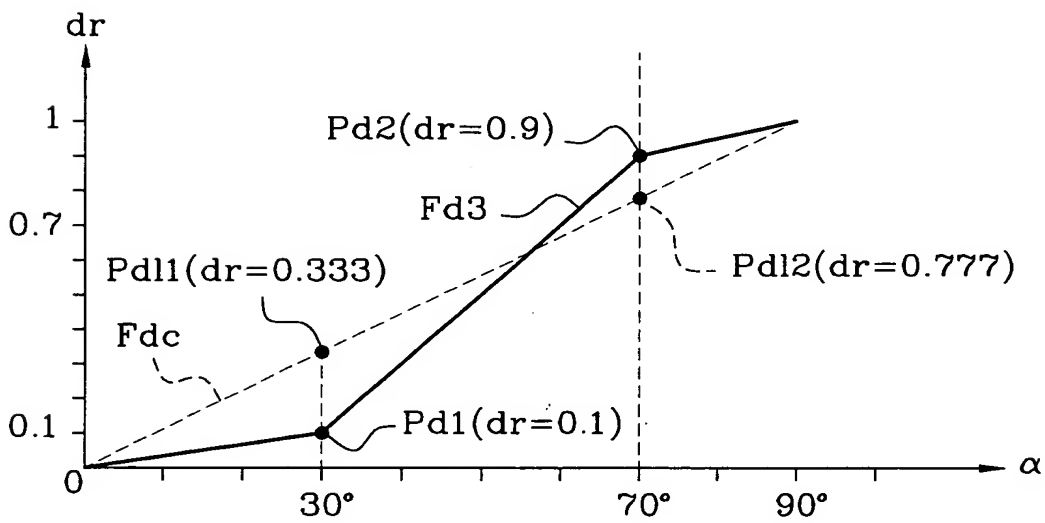


**Fig. 7B**

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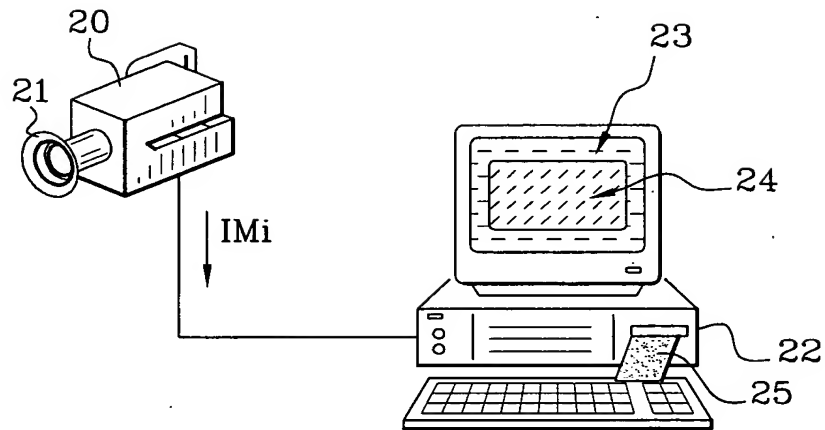


**Fig. 8**



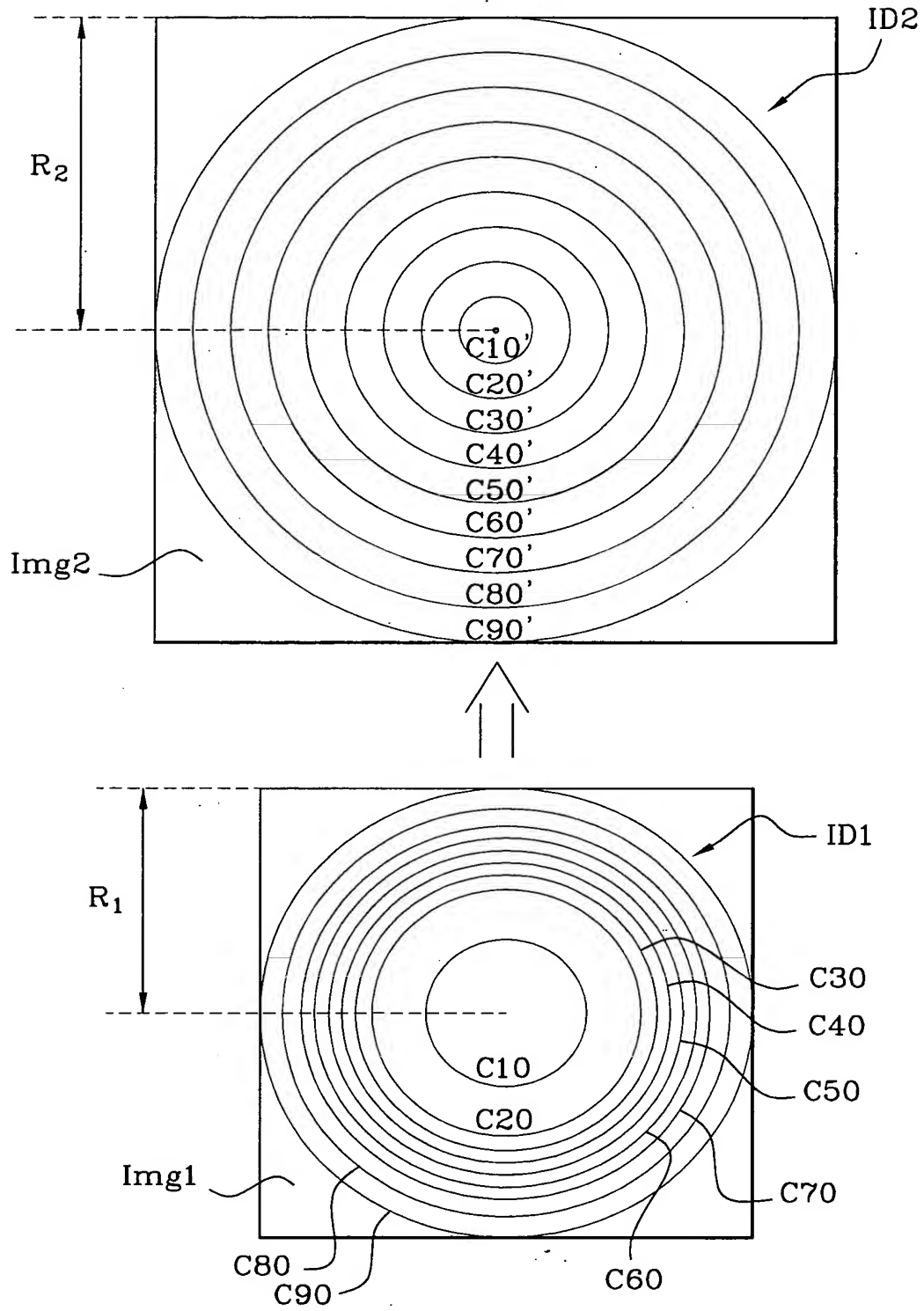
**Fig. 9**

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**Fig. 10**

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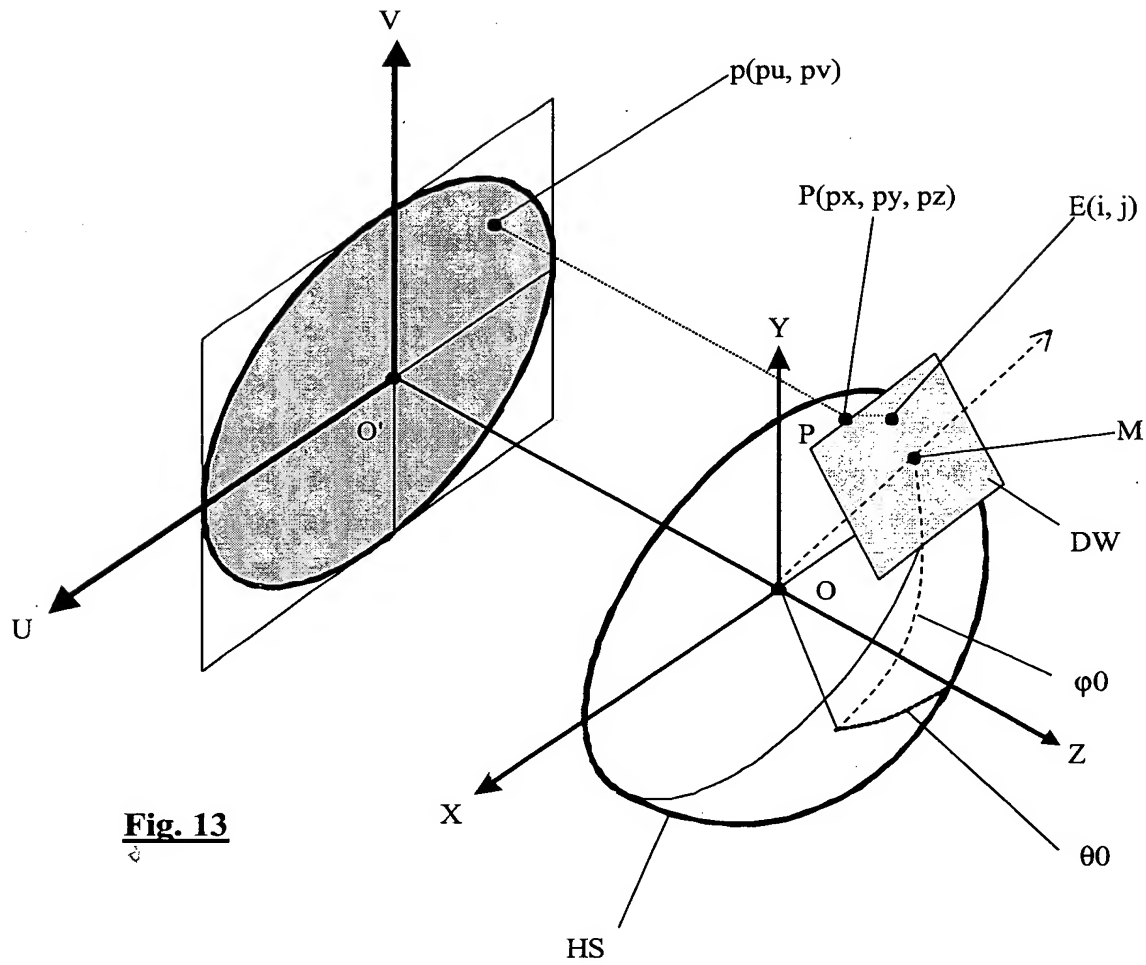


**Fig. 11**

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**Fig. 12**

<p align="center"><b>S1 – Acquisition</b></p> <p>- Taking a panoramic image by means of a still digital camera or a digital video camera equipped with a panoramic lens having a non-linear distribution function <math>F_d</math></p>
<p align="center"><b>S2 – Transfer of the image file into a computer</b></p> <p>- Transfer of the image file (image disk) into a microcomputer  - Storage in the auxiliary storage (optional)</p>
<p align="center"><b>S3 -Linearisation of the image disk</b></p> <p>- Transfer of the image points of the initial image disk into a second virtual image disk comprising more image points than the initial image disk, by means of the function <math>F_d^{-1}</math>  Obtaining a linear image disk</p>
<p align="center"><b>S4 – Digitisation</b></p> <p>- Transfer of the image points of the second image disk into a system of axes OXYZ in spherical coordinates Obtaining a panoramic image in a hemisphere</p>
<p align="center"><b>S5 – Interactive display</b></p> <p>- Determination of the image points of an image sector to be displayed  - Display of the image sector on a display window  - Detection of the user's actions on a screen pointer or any other control means,  - Detection of the user's actions on keys for image enlargement,  - Modification of the sector displayed (sliding the image sector displayed on the surface of the hemisphere and/or shrinking/expanding the image sector displayed)</p>

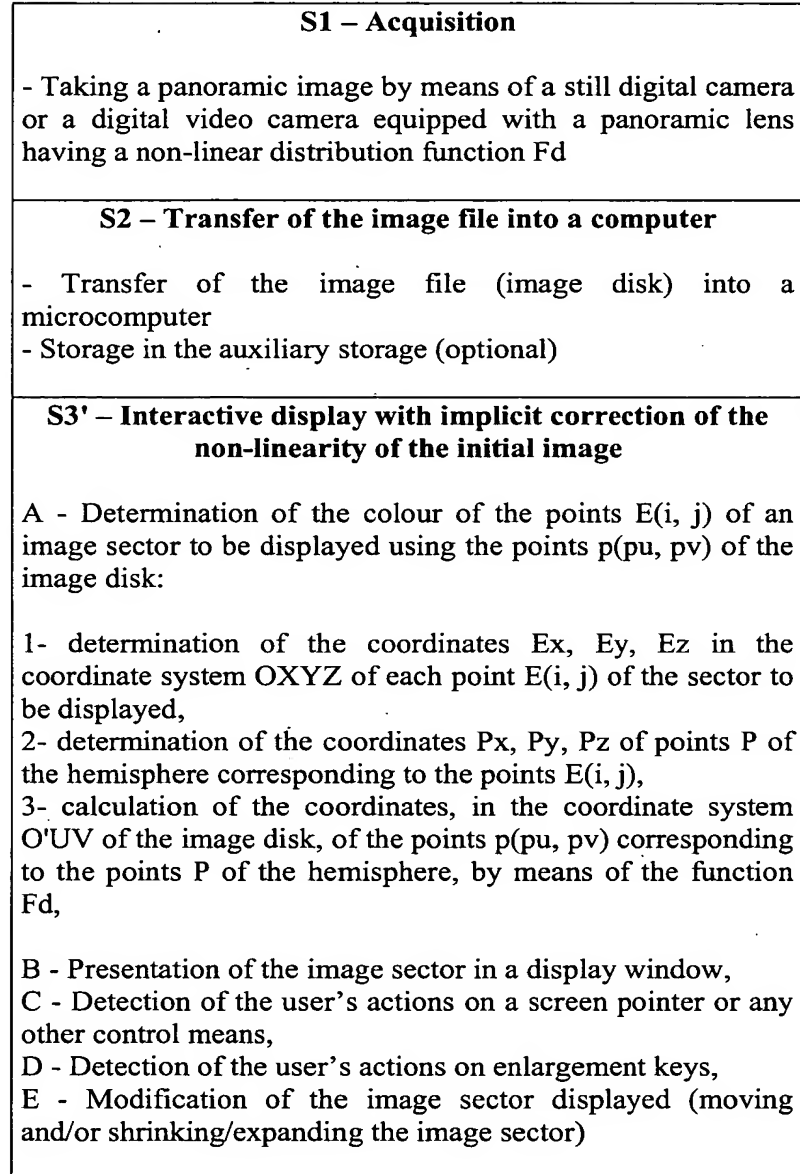


**Fig. 13**

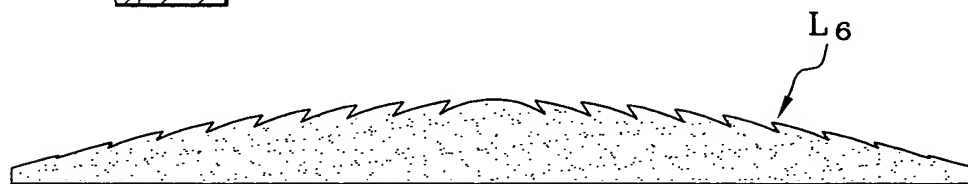
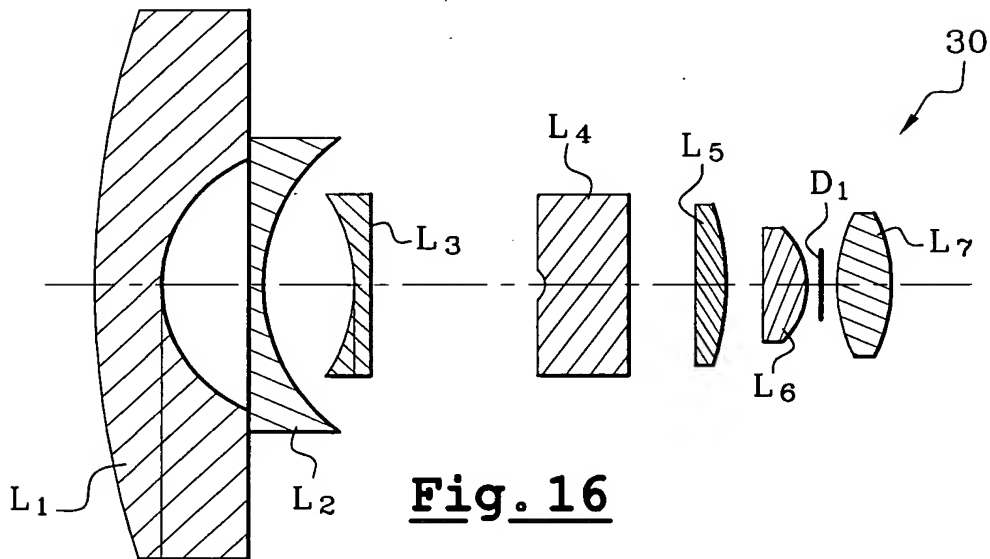
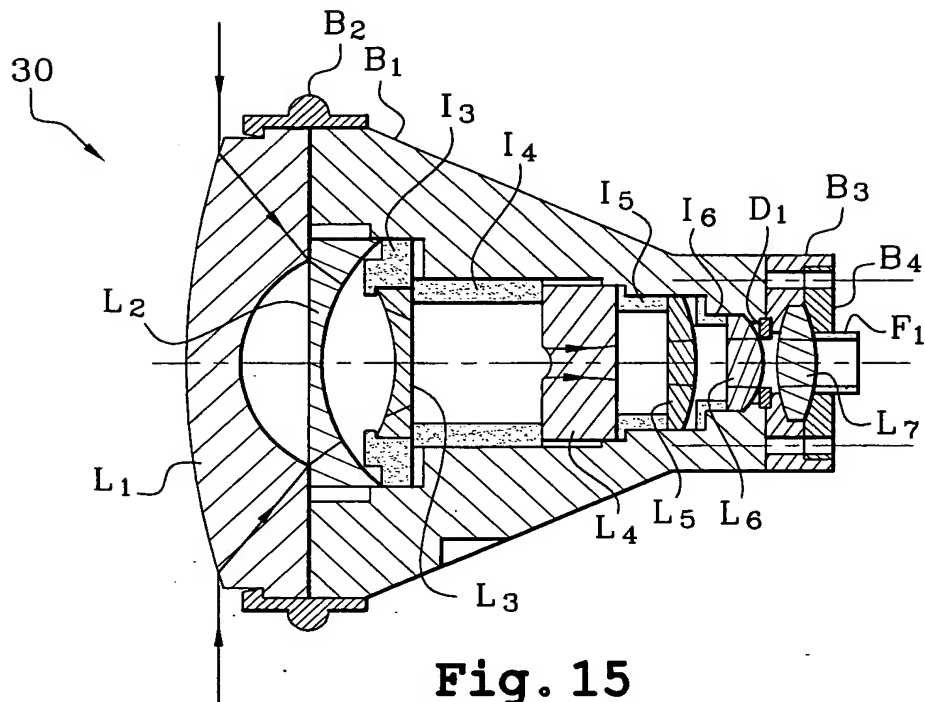


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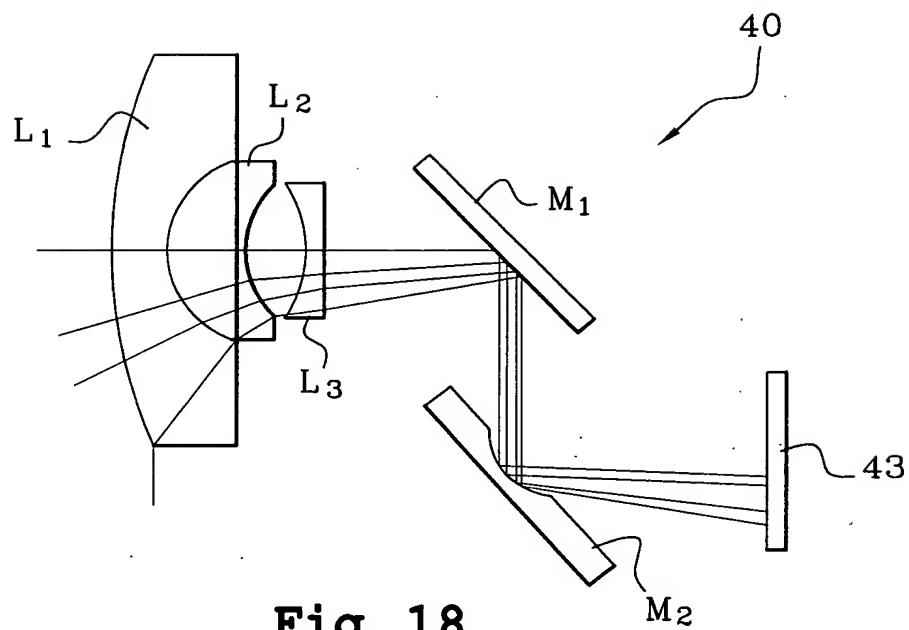
**Fig. 14**



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**Fig. 18**